# Prince George's County HIV/AIDS Epidemiological Profile



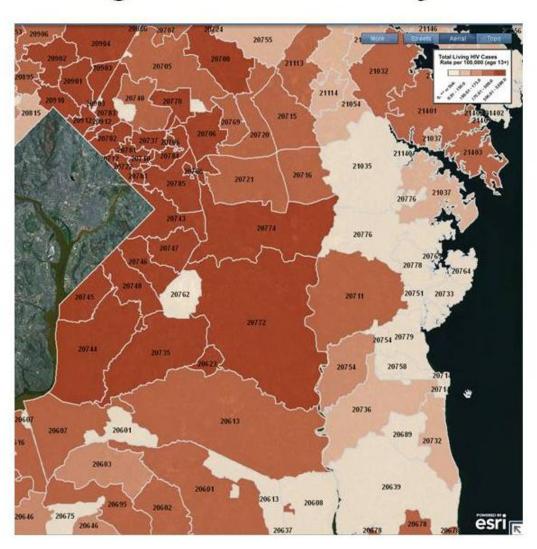
Fourth Quarter 2010

Data reported through December 31, 2010

Center for HIV Surveillance and Epidemiology
Infectious Disease and Environmental Health Administration
Maryland Department of Health and Mental Hygiene
http://ideha.dhmh.maryland.gov/chse/
1-800-358-9001



# Maryland HIV On-Line Mapping Tool Total Living HIV Case Rates by ZIP Code



New On-line Mapping Tool: Please visit the new Maryland Infectious Disease and Environmental Health Administration website at the address above to use the new interactive mapping tool. You can create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the ZIP code level, plot the locations of HIV testing sites, and print out your custom map. The direct address for the mapping tool is: http://ideha.dhmh.maryland.gov/apps/hiv/

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#### Section I - Background Information

#### **HIV/AIDS** Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in
  correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report
  patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health
  Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone.
  Facilities with large volumes are encouraged to contact the State Health Department to establish electronic
  reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive
  confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and
  phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state
  to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact
  the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website: http://ideha.dhmh.maryland.gov/chse/reporting-material.aspx

#### For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance and Epidemiology at the Maryland Department of Health and Mental Hygiene (410-767-5061).

#### Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 21% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and rereported by name, so the number of living HIV cases is lower than previously reported. In addition, many of the rereported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an underreporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses. The laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department.

#### Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time point 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

#### **Changes in Case Terminology**

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2009 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/09-12/31/09, as reported by name through 12/31/10.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/09 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/09 as reported by name through 12/31/10.

#### **Changes in this Epidemiological Profile**

There are numerous changes, including new types of data, from prior epidemiological profiles, all of which are intended to increase the utility of this report. We welcome your questions or feedback. The changes include:

- Separated the data for adults and adolescents (age 13+) from pediatric cases (age <13).</li>
- Provided data on trends in pediatric cases.
- Expanded the categories and provided more specific labeling for race/ethnicity.
- Relabeled gender as sex at birth.
- Supplied data on cases by country of birth.
- Included new measures of the timeliness of HIV diagnosis, including median first CD4 count after HIV diagnosis, percent of HIV diagnoses that are diagnosed with AIDS within one year, average time from HIV diagnosis to AIDS diagnosis, and percent of AIDS diagnoses with an HIV diagnosis less than one year earlier.
- Provided laboratory data describing the care status and disease status of persons living with HIV, including the
  percent with CD4 and HIV viral load (VL) tests, the median value and distribution of CD4 counts, the percent with
  undetectable VL results, and the median detectable VL levels.
- Added data on trends in disease progression including percent of HIV diagnoses developing AIDS and years from HIV diagnosis to AIDS diagnosis.
- Expanded data on mortality, including trends in percent of AIDS diagnoses that have died, years from AIDS diagnosis to death, and percent alive by years after AIDS diagnosis.

#### **Laboratory Data**

CD4 tests are measures of a person's immune system function. An HIV infected person is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been linked to care after diagnosis or is "in care".

#### **Sources of Data**

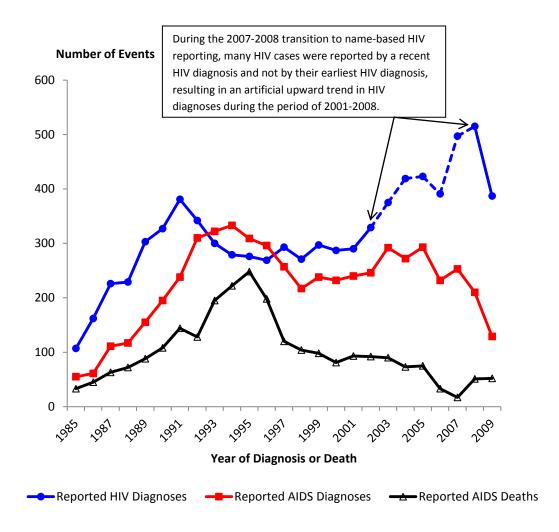
Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2010.

Population data are from the Maryland Department of Planning's intercensal population estimates for July 1, 2009, or for country of birth and ZIP code of residence, projected forward to 2009 from the United States Census Bureau's 2000 Census figures.

#### **Section II – Trends 1985-2009**

Figure 1 - Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2009

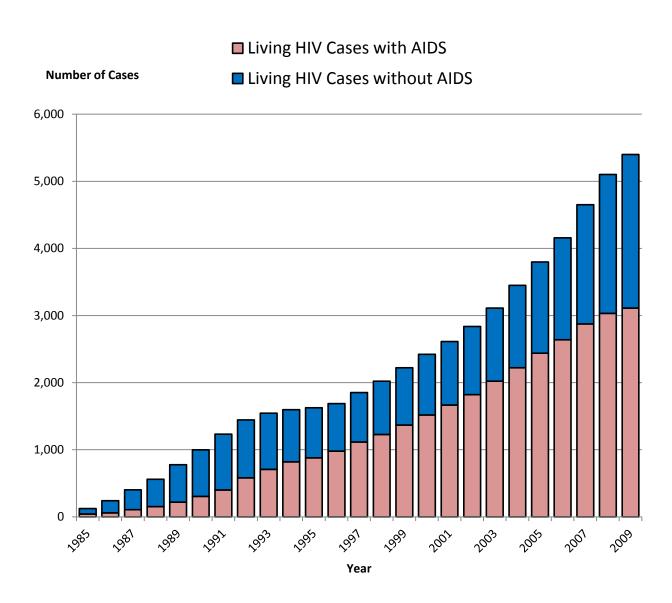
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2009 as Reported by Name through 12/31/10.



YEAR OF	Reported	Reported	Reported	YEAR OF	Reported	Reported	Reported
DIAGNOSIS	HIV	AIDS	AIDS	DIAGNOSIS	HIV	AIDS	AIDS
OR DEATH	Diagnoses	Diagnoses	Deaths	OR DEATH	Diagnoses	Diagnoses	Deaths
<1985	66	39	19	1998	271	217	104
1985	107	55	33	1999	297	238	98
1986	162	61	45	2000	287	232	81
1987	226	111	63	2001	290	240	93
1988	229	117	72	2002	329	246	92
1989	303	155	88	2003	375	292	90
1990	327	195	108	2004	419	272	73
1991	381	238	144	2005	423	293	75
1992	342	310	128	2006	391	232	33
1993	300	322	195	2007	497	253	17
1994	279	333	222	2008	515	210	51
1995	276	309	248	2009	387	129	52
1996	269	296	198	TOTAL	8,041	5,652	2,542
1997	293	257	120			•	

Figure 2 – Trends in Living HIV Cases, 1985-2009

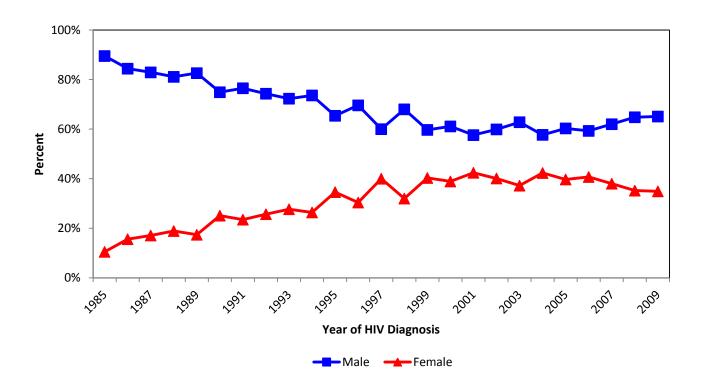
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2009, as Reported by Name through 12/31/10



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	80	42	122	1998	793	1,228	2,021
1986	181	58	239	1999	853	1,368	2,221
1987	296	106	402	2000	902	1,519	2,421
1988	409	151	560	2001	946	1,666	2,612
1989	559	218	777	2002	1,016	1,820	2,836
1990	692	305	997	2003	1,090	2,022	3,112
1991	832	399	1,231	2004	1,228	2,221	3,449
1992	863	581	1,444	2005	1,359	2,439	3,798
1993	836	708	1,544	2006	1,520	2,638	4,158
1994	777	819	1,596	2007	1,778	2,874	4,652
1995	746	880	1,626	2008	2,069	3,033	5,102
1996	710	978	1,688	2009	2,289	3,110	5,399
1997	738	1,115	1,853				

Figure 3 - Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2009

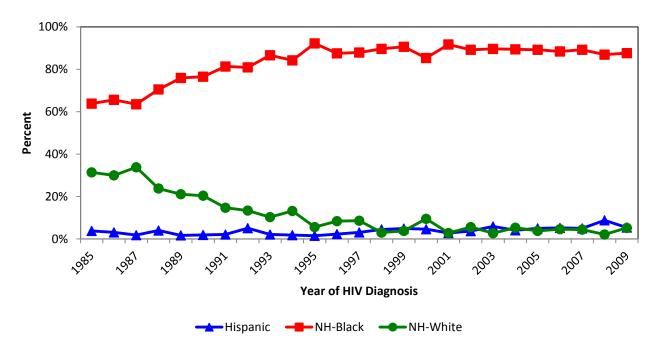
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2009, as Reported by Name through 12/31/10



YEAR OF	Adult/Adolesc	ent Reported I	IV Diagnoses	YEAR OF	Adult/Adoles	cent Reported H	IV Diagnoses
HIV DIAGNOSIS	No.	Percent Male	Percent Female	HIV	No.	Percent Male	Percent Female
<1985	64	87.5%	12.5%	1998	269	68.0%	32.0%
1985	105	89.5%	10.5%	1999	288	59.7%	40.3%
1986	160	84.4%	15.6%	2000	285	61.1%	38.9%
1987	222	82.9%	17.1%	2001	288	57.6%	42.4%
1988	227	81.1%	18.9%	2002	324	59.9%	40.1%
1989	299	82.6%	17.4%	2003	374	62.8%	37.2%
1990	319	74.9%	25.1%	2004	414	57.7%	42.3%
1991	374	76.5%	23.5%	2005	416	60.3%	39.7%
1992	335	74.3%	25.7%	2006	388	59.3%	40.7%
1993	292	72.3%	27.7%	2007	481	62.0%	38.0%
1994	273	73.6%	26.4%	2008	512	64.8%	35.2%
1995	269	65.4%	34.6%	2009	387	65.1%	34.9%
1996	263	69.6%	30.4%	TOTAL	7,918	67.5%	32.5%
1997	290	60.0%	40.0%				

Figure 4 - Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2009

Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2009, as Reported by Name through 12/31/10

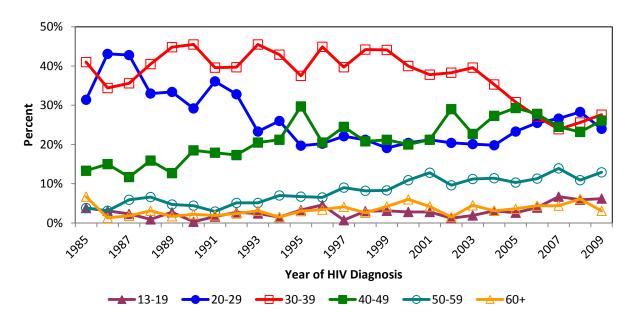


Non-Hispanic Other Race category not shown.

YEAR OF HIV		Adult/Ad	olescent Reported	HIV Diagnoses	
DIAGNOSIS	No.	Percent	Percent Non-Hispanic	Percent Non-Hispanic	Percent Non-Hispanic
	140.	Hispanic	Black, only	White, only	Other Race
<1985	64	0.0%	68.8%	31.3%	0.0%
1985	105	3.8%	63.8%	31.4%	1.0%
1986	160	3.1%	65.6%	30.0%	1.3%
1987	222	1.8%	63.5%	33.8%	0.9%
1988	227	4.0%	70.5%	23.8%	1.8%
1989	299	1.7%	75.9%	21.1%	1.3%
1990	319	1.9%	76.5%	20.4%	1.3%
1991	374	2.1%	81.3%	14.7%	1.9%
1992	335	5.1%	80.9%	13.4%	0.6%
1993	292	2.1%	86.6%	10.3%	1.0%
1994	273	1.8%	84.2%	13.2%	0.7%
1995	269	1.5%	92.2%	5.6%	0.7%
1996	263	2.3%	87.5%	8.4%	1.9%
1997	290	3.1%	87.9%	8.6%	0.3%
1998	269	4.5%	89.6%	3.0%	3.0%
1999	288	4.9%	90.6%	3.8%	0.7%
2000	285	4.6%	85.3%	9.5%	0.7%
2001	288	2.8%	91.7%	2.8%	2.8%
2002	324	3.7%	89.2%	5.6%	1.5%
2003	374	5.9%	89.6%	2.7%	1.9%
2004	414	4.1%	89.4%	5.3%	1.2%
2005	416	5.0%	89.2%	3.8%	1.9%
2006	388	5.2%	88.4%	4.6%	1.8%
2007	481	5.0%	89.2%	4.4%	1.5%
2008	512	8.8%	86.9%	2.1%	2.1%
2009	387	5.4%	87.6%	5.2%	1.8%
TOTAL	7,918	4.0%	84.7%	9.8%	1.5%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2009

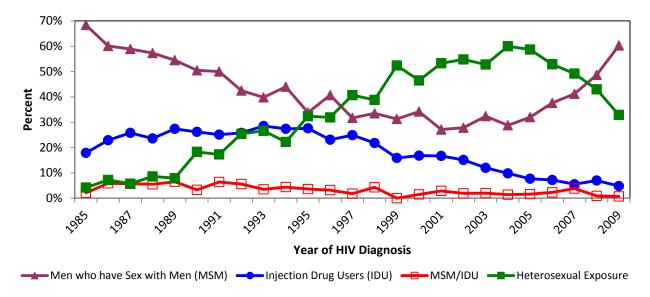
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2009, as Reported by Name through 12/31/10



YEAR OF		R	Reported Adul	t/Adolescent	HIV Diagnoses	S	
HIV		Percent	Percent	Percent	Percent	Percent	Percent
DIAGNOSIS	No.	Age 13-19	Age 20-29	Age 30-39	Age 40-49	Age 50-59	Age 60+
<1985	64	7.8%	35.9%	35.9%	17.2%	1.6%	1.6%
1985	105	3.8%	31.4%	41.0%	13.3%	3.8%	6.7%
1986	160	3.1%	43.1%	34.4%	15.0%	3.1%	1.3%
1987	222	2.3%	42.8%	35.6%	11.7%	5.9%	1.8%
1988	227	0.9%	33.0%	40.5%	15.9%	6.6%	3.1%
1989	299	2.7%	33.4%	44.8%	12.7%	4.7%	1.7%
1990	319	0.3%	29.2%	45.5%	18.5%	4.4%	2.2%
1991	374	1.6%	36.1%	39.6%	17.9%	2.9%	1.9%
1992	335	2.7%	32.8%	39.7%	17.3%	5.1%	2.4%
1993	292	2.4%	23.3%	45.5%	20.5%	5.1%	3.1%
1994	273	1.5%	26.0%	42.9%	21.2%	7.0%	1.5%
1995	269	3.3%	19.7%	37.5%	29.7%	6.7%	3.0%
1996	263	4.6%	20.2%	44.9%	20.5%	6.5%	3.4%
1997	290	0.7%	22.1%	39.7%	24.5%	9.0%	4.1%
1998	269	3.0%	21.2%	44.2%	20.8%	8.2%	2.6%
1999	288	3.1%	19.1%	44.1%	21.2%	8.3%	4.2%
2000	285	2.8%	20.4%	40.0%	20.0%	10.9%	6.0%
2001	288	2.8%	21.2%	37.8%	21.2%	12.8%	4.2%
2002	324	1.2%	20.4%	38.3%	29.0%	9.6%	1.5%
2003	374	1.9%	20.1%	39.6%	22.7%	11.2%	4.5%
2004	414	3.1%	19.8%	35.3%	27.3%	11.4%	3.1%
2005	416	2.6%	23.3%	30.8%	29.3%	10.3%	3.6%
2006	388	3.9%	25.5%	27.1%	27.8%	11.3%	4.4%
2007	481	6.7%	26.6%	23.9%	24.5%	13.9%	4.4%
2008	512	5.9%	28.3%	25.6%	23.2%	10.9%	6.1%
2009	387	6.2%	24.0%	27.6%	26.1%	12.9%	3.1%
TOTAL	7,918	3.1%	26.0%	36.7%	22.1%	8.6%	3.4%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2009

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2009, as Reported by Name through 12/31/10



Other Exposure category not shown.

		Adı	ılt/Adolesce	nt Reported	HIV Diagno	ses	
YEAR			,	With Exposi	re Category	/	
TEAR	No.	No.	Percent MSM	Percent IDU	Percent MSM/IDU	Percent HET	Percent Other Exposure
<1985	64	57	68.4%	15.8%	3.5%	10.5%	1.8%
1985	105	95	68.4%	17.9%	2.1%	4.2%	7.4%
1986	160	153	60.1%	22.9%	5.9%	7.2%	3.9%
1987	222	209	58.9%	25.8%	5.7%	5.7%	3.8%
1988	227	220	57.3%	23.6%	5.5%	8.6%	5.0%
1989	299	277	54.5%	27.4%	6.5%	7.9%	3.6%
1990	319	301	50.5%	26.2%	3.3%	18.3%	1.7%
1991	374	346	50.0%	25.1%	6.4%	17.3%	1.2%
1992	335	287	42.5%	25.8%	5.6%	25.4%	0.7%
1993	292	256	39.8%	28.5%	3.5%	26.6%	1.6%
1994	273	248	44.0%	27.4%	4.4%	22.2%	2.0%
1995	269	225	33.8%	27.6%	3.6%	32.4%	2.7%
1996	263	216	40.7%	23.1%	3.2%	31.9%	0.9%
1997	290	221	31.7%	24.9%	1.8%	40.7%	0.9%
1998	269	188	33.5%	21.8%	4.3%	38.8%	1.6%
1999	288	208	31.3%	15.9%	0.0%	52.4%	0.5%
2000	285	202	34.2%	16.8%	1.5%	46.5%	1.0%
2001	288	210	27.1%	16.7%	2.9%	53.3%	0.0%
2002	324	259	27.8%	15.1%	1.9%	54.8%	0.4%
2003	374	299	32.4%	12.0%	2.0%	52.8%	0.7%
2004	414	285	28.8%	9.8%	1.4%	60.0%	0.0%
2005	416	247	32.0%	7.7%	1.6%	58.7%	0.0%
2006	388	221	37.6%	7.2%	2.3%	52.9%	0.0%
2007	481	238	41.2%	5.5%	3.8%	49.2%	0.4%
2008	512	230	48.7%	7.0%	0.9%	43.0%	0.4%
2009	387	146	60.3%	4.8%	0.7%	32.9%	1.4%
TOTAL	7,918	5,844	42.0%	19.0%	3.3%	34.3%	1.5%

#### Section III - Adult/Adolescent Cases by ZIP Code

#### Table 1 – Adult/Adolescent HIV Cases by ZIP Code, Diagnoses during 2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/09-12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by ZIP Code of Adult/Adolescent Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by ZIP Code of Adult/Adolescent Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by ZIP Code of Adult/Adolescent Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by ZIP Code of Residence at HIV Diagnosis, as Reported by Name through 12/31/10

710 0005 05	Population Age			Adult/A	dolescent R	eported H	V Diagnos	es	
ZIP CODE OF RESIDENCE AT HIV	13+		% of		First (	CD4 Test R	esult	%	% Late
DIAGNOSIS	No.	No.	Total	Rate	No. with Test	% with Test	Median Count	Linked to Care	HIV Diagnosis
20601	240	***	***	***	***	***	***	***	***
20607	6,020	0	0.0%	0.0					
20608	906	***	***	***	***	***	***	***	***
20613	6,449	4	1.0%	62.0	***	***	***	***	***
20623	2,321	0	0.0%	0.0					
20705	19,942	1	0.3%	5.0	***	***	***	***	***
20706	31,932	18	4.7%	56.4	9	50.0%	243	55.6%	22.2%
20707	22,539	1	0.3%	4.4	***	***	***	***	***
20708	21,238	6	1.6%	28.3	***	***	***	***	***
20710	6,538	6	1.6%	91.8	***	***	***	***	***
20712	7,803	2	0.5%	25.6	***	***	***	***	***
20715	22,122	4	1.0%	18.1	***	***	***	***	***
20716	16,603	5	1.3%	30.1	***	***	***	***	***
20720	12,170	1	0.3%	8.2	0	0.0%		0.0%	0.0%
20721	19,036	9	2.3%	47.3	6	66.7%	64	66.7%	55.6%
20722	4,675	1	0.3%	21.4	0	0.0%		100.0%	100.0%
20735	28,400	17	4.4%	59.9	15	88.2%	266	58.8%	35.3%
20737	16,424	12	3.1%	73.1	7	58.3%	180	50.0%	33.3%
20740	30,202	6	1.6%	19.9	***	***	***	***	***
20743	34,559	38	9.8%	110.0	15	39.5%	100	44.7%	39.5%
20744	42,256	16	4.1%	37.9	10	62.5%	150	68.8%	43.8%
20745	23,175	17	4.4%	73.4	7	41.2%	185	35.3%	29.4%
20746	23,606	26	6.7%	110.1	9	34.6%	242	38.5%	15.4%
20747	33,040	36	9.3%	109.0	21	58.3%	327	61.1%	27.8%
20748	34,733	21	5.4%	60.5	17	81.0%	478	42.9%	23.8%
20762	5,830	0	0.0%	0.0					
20769	4,249	2	0.5%	47.1	***	***	***	***	***
20770	18,879	14	3.6%	74.2	7	50.0%	265	64.3%	42.9%
20772	30,610	10	2.6%	32.7	***	***	***	***	***
20774	28,333	21	5.4%	74.1	12	57.1%	238	61.9%	33.3%
20781	9,540	9	2.3%	94.3	5	55.6%	328	55.6%	44.4%
20782	24,882	17	4.4%	68.3	12	70.6%	209	64.7%	35.3%
20783	36,442	0	0.0%	0.0					
20784	22,734	21	5.4%	92.4	9	42.9%	277	42.9%	23.8%
20785	30,991	37	9.6%	119.4	21	56.8%	424	54.1%	21.6%
20903	3,492	1	0.3%	28.6	***	***	***	***	***
20912	2,696	2	0.5%	74.2	***	***	***	***	***
Missing		6	1.6%		5	83.3%	548	***	***
TOTAL	685,607	387	100.0%	56.4	213	55.0%	266	52.5%	29.2%

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Table 2 – Adult/Adolescent AIDS Cases by ZIP Code, Diagnoses during 2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/09-12/31/09 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by ZIP Code of Adult/Adolescent Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by ZIP Code of Residence at AIDS Diagnosis, as Reported by Name through 12/31/10

7ID CODE OF	Population		Adult/Adolesc	ent Reported AID	S Diagnoses	
ZIP CODE OF RESIDENCE AT AIDS	Age 13+	No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
DIAGNOSIS	No.				Diagnosis	Diagnosis
20601	240	***	***	***	***	***
20607	6,020	0	0.0%	0.0		
20608	906	***	***	***	***	***
20613	6,449	2	1.6%	31.0	***	***
20623	2,321	0	0.0%	0.0		
20705	19,942	1	0.8%	5.0	***	***
20706	31,932	5	3.9%	15.7	0.8	80.0%
20707	22,539	0	0.0%	0.0		
20708	21,238	1	0.8%	4.7	***	***
20710	6,538	2	1.6%	30.6	***	***
20712	7,803	1	0.8%	12.8	***	***
20715	22,122	0	0.0%	0.0		
20716	16,603	0	0.0%	0.0		
20720	12,170	0	0.0%	0.0		
20721	19,036	4	3.1%	21.0	***	***
20722	4,675	1	0.8%	21.4	***	***
20735	28,400	4	3.1%	14.1	***	***
20737	16,424	3	2.3%	18.3	***	***
20740	30,202	1	0.8%	3.3	***	***
20743	34,559	17	13.2%	49.2	1.4	82.4%
20744	42,256	10	7.8%	23.7	1.3	70.0%
20745	23,175	6	4.7%	25.9	1.9	83.3%
20746	23,606	6	4.7%	25.4	0.3	100.0%
20747	33,040	12	9.3%	36.3	2.8	75.0%
20748	34,733	7	5.4%	20.2	1.7	***
20762	5,830	0	0.0%	0.0		
20769	4,249	0	0.0%	0.0		
20770	18,879	6	4.7%	31.8	0.1	100.0%
20772	30,610	3	2.3%	9.8	***	***
20774	28,333	7	5.4%	24.7	0.1	100.0%
20781	9,540	6	4.7%	62.9	1.3	66.7%
20782	24,882	6	4.7%	24.1	0.1	100.0%
20783	36,442	0	0.0%	0.0		
20784	22,734	6	4.7%	26.4	1.3	83.3%
20785	30,991	9	7.0%	29.0	2.4	77.8%
20903	3,492	1	0.8%	28.6	***	***
20912	2,696	0	0.0%	0.0		
Missing		2	1.6%		***	***
TOTAL	685,607	129	100.0%	18.8	1.1	84.5%
IOIAL	000,001	129	100.076	10.0	1.1	04.5/0

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Table 3 – Adult/Adolescent HIV and AIDS Cases by ZIP Code, Alive on 12/31/2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by ZIP Code of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/10

ZIP CODE OF RESIDENCE	Population Age 13+	Liv	ult/Adolesc ing HIV Ca vithout AID	ses		ult/Adoleso ing HIV Ca with AIDS		Adult/Adolescent Total Living HIV Cas			Adult/Adolescent Total Living HIV Cases		
AT DIAGNOSIS	No.	No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)		
20601	240	***	***	***	***	***	***	***	***	***	***		
20607	6,020	10	0.4%	166.1	11	0.4%	182.7	21	0.4%	348.9	286		
20608	906	***	***	***	***	***	***	***	***	***	***		
20613	6,449	10	0.4%	155.1	14	0.5%	217.1	24	0.5%	372.2	268		
20623	2,321	3	0.1%	129.2	11	0.4%	473.9	14	0.3%	603.1	165		
20705	19,942	24	1.1%	120.3	61	2.0%	305.9	85	1.6%	426.2	234		
20706	31,932	109	4.9%	341.4	123	4.0%	385.2	232	4.4%	726.5	137		
20707	22,539	50	2.2%	221.8	42	1.4%	186.3	92	1.7%	408.2	245		
20708	21,238	58	2.6%	273.1	59	1.9%	277.8	117	2.2%	550.9	181		
20710	6,538	31	1.4%	474.2	41	1.3%	627.1	72	1.4%	1,101.3	90		
20712	7,803	34	1.5%	435.7	61	2.0%	781.8	95	1.8%	1,217.5	82		
20715	22,122	19	0.9%	85.9	19	0.6%	85.9	38	0.7%	171.8	582		
20716	16,603	22	1.0%	132.5	42	1.4%	253.0	64	1.2%	385.5	259		
20720	12,170	20	0.9%	164.3	21	0.7%	172.6	41	0.8%	336.9	296		
20721	19,036	35	1.6%	183.9	53	1.7%	278.4	88	1.7%	462.3	216		
20722	4,675	14	0.6%	299.5	23	0.7%	492.0	37	0.7%	791.4	126		
20735	28,400	81	3.6%	285.2	107	3.5%	376.8	188	3.5%	662.0	151		
20737	16,424	49	2.2%	298.3	78	2.5%	474.9	127	2.4%	773.3	129		
20740	30,202	28	1.3%	92.7	34	1.1%	112.6	62	1.2%	205.3	487		
20743	34,559	179	8.0%	518.0	323	10.5%	934.6	502	9.5%	1,452.6	68		
20744	42,256	96	4.3%	227.2	143	4.7%	338.4	239	4.5%	565.6	176		
20745	23,175	102	4.6%	440.1	165	5.4%	712.0	267	5.0%	1,152.1	86		
20746	23,606	131	5.9%	554.9	137	4.5%	580.4	268	5.1%	1,135.3	88		
20747	33,040	171	7.7%	517.6	221	7.2%	668.9	392	7.4%	1,186.5	84		
20748	34,733	156	7.0%	449.1	200	6.5%	575.8	356	6.7%	1,025.0	97		
20762	5.830	2	0.1%	34.3	2	0.1%	34.3	4	0.1%	68.6	1.457		
20769	4,249	7	0.3%	164.7	4	0.1%	94.1	11	0.2%	258.9	386		
20770	18,879	71	3.2%	376.1	90	2.9%	476.7	161	3.0%	852.8	117		
20772	30,610	84	3.8%	274.4	96	3.1%	313.6	180	3.4%	588.0	170		
20774	28,333	83	3.7%	292.9	80	2.6%	282.4	163	3.1%	575.3	173		
20781	9,540	29	1.3%	304.0	38	1.2%	398.3	67	1.3%	702.3	142		
20782	24,882	97	4.3%	389.8	140	4.6%	562.7	237	4.5%	952.5	105		
20783	36,442	77	3.5%	211.3	163	5.3%	447.3	240	4.5%	658.6	151		
20784	22,734	90	4.0%	395.9	149	4.8%	655.4	239	4.5%	1,051.3	95		
20785	30,991	181	8.1%	584.0	248	8.1%	800.2	429	8.1%	1,384.3	72		
20903	3,492	0	0.0%	0.0	2	0.1%	57.3	2	0.0%	57.3	1,746		
20912	2,696	17	0.8%	630.5	7	0.1%	259.6	24	0.5%	890.1	112		
Missing		60	2.7%		64	2.1%		124	2.3%				
TOTAL	685,607	2,231	100.0%	325.4	3,074	100.0%	448.4	5,305	100.0%	773.8	129		

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Table 4 – CD4 Testing for Adult/Adolescent HIV Cases by ZIP Code, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by ZIP Code of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by ZIP Code of Counts for the Last Recent CD4 Test Results, by ZIP Code of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/10

ZIP CODE OF	Adult/Adolescent Total Living HIV Cases											
RESIDENCE AT			Recent CD4 Test Result									
DIAGNOSIS	No.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+				
20601	***	***	***	***	***	***	***	***				
20607	21	***	***	***	***	***	***	***				
20608	***	***	***	***	***	***	***	***				
20613	24	5	20.8%	377	***	***	***	***				
20623	14	0	0.0%									
20705	85	23	27.1%	292	43.5%	17.4%	17.4%	21.7%				
20706	232	57	24.6%	383	19.3%	28.1%	15.8%	36.8%				
20707	92	18	19.6%	478	16.7%	16.7%	22.2%	44.4%				
20708	117	27	23.1%	495	18.5%	14.8%	22.2%	44.4%				
20710	72	14	19.4%	437	***	***	35.7%	42.9%				
20712	95	12	12.6%	393	***	***	***	***				
20715	38	6	15.8%	451	***	***	***	***				
20716	64	7	10.9%	418	***	***	***	***				
20720	41	7	17.1%	449	***	***	***	***				
20721	88	17	19.3%	364	29.4%	***	***	29.4%				
20722	37	***	***	***	***	***	***	***				
20735	188	36	19.1%	289	30.6%	***	***	33.3%				
20737	127	31	24.4%	338	25.8%	***	***	35.5%				
20740	62	7	11.3%	552	***	***	***	***				
20743	502	90	17.9%	355	30.0%	17.8%	21.1%	31.1%				
20744	239	46	19.2%	341	30.4%	19.6%	10.9%	39.1%				
20745	267	47	17.6%	439	23.4%	14.9%	21.3%	40.4%				
20746	268	52	19.4%	459	15.4%	26.9%	9.6%	48.1%				
20747	392	81	20.7%	327	28.4%	23.5%	11.1%	37.0%				
20748	356	54	15.2%	442	18.5%	14.8%	27.8%	38.9%				
20762	4	***	***	***	***	***	***	***				
20769	11	***	***	***	***	***	***	***				
20770	161	29	18.0%	300	34.5%	17.2%	10.3%	37.9%				
20772	180	25	13.9%	420	28.0%	16.0%	12.0%	44.0%				
20774	163	37	22.7%	377	35.1%	13.5%	18.9%	32.4%				
20781	67	17	25.4%	328	35.3%	***	***	***				
20782	237	53	22.4%	356	17.0%	32.1%	17.0%	34.0%				
20783	240	46	19.2%	331	23.9%	30.4%	10.9%	34.8%				
20784	239	43	18.0%	293	34.9%	25.6%	18.6%	20.9%				
20785	429	89	20.7%	403	23.6%	14.6%	33.7%	28.1%				
20903	2	***	***	***	***	***	***	***				
20912	24	***	***	***	***	***	***	***				
Missing	124	21	16.9%	518	***	***	***	61.9%				
TOTAL	5,305	1,012	19.1%	385	24.6%	20.9%	18.4%	36.1%				

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

Table 5 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by ZIP Code, Alive 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by ZIP Code of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by ZIP Code of the Last Recent Viral Load Test Results that were Undetectable, and the Median Detectable Result in Copies per Milliliter, by ZIP Code of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/10

710 0005 05		Adult/Adolesc	ent Total Living	HIV Cases	
ZIP CODE OF RESIDENCE AT			Viral Load	Test Result	
DIAGNOSIS	No.	No. with Test	% with Test	% Undetectable	Median Detectable
20601	***	***	***	***	***
20607	21	***	***	***	***
20608	***	***	***	***	***
20613	24	***	***	***	***
20623	14	0	0.0%		
20705	85	18	21.2%	61.1%	1,611
20706	232	50	21.6%	56.0%	12,461
20707	92	15	16.3%	40.0%	4,964
20708	117	26	22.2%	57.7%	2,988
20710	72	12	16.7%	***	16,931
20712	95	9	9.5%	55.6%	62,137
20715	38	5	13.2%	***	19,246
20716	64	8	12.5%	***	8,255
20720	41	***	***	***	***
20721	88	13	14.8%	***	75,769
20722	37	***	***	***	***
20735	188	28	14.9%	28.6%	9,032
20737	127	26	20.5%	73.1%	3,566
20740	62	7	11.3%	***	3,290
20743	502	75	14.9%	37.3%	10,239
20744	239	39	16.3%	25.6%	6,738
20745	267	34	12.7%	41.2%	6,360
20746	268	41	15.3%	43.9%	19,115
20747	392	67	17.1%	26.9%	5,676
20748	356	47	13.2%	42.6%	6,962
20762	4	***	***	***	***
20769	11	***	***	***	***
20770	161	37	23.0%	45.9%	10,714
20772	180	20	11.1%	40.0%	6,408
20774	163	28	17.2%	39.3%	5,360
20781	67	14	20.9%	***	42,241
20782	237	42	17.7%	52.4%	6,725
20783	240	42	17.5%	66.7%	10,957
20784	239	32	13.4%	34.4%	5,434
20785	429	66	15.4%	42.4%	15,759
20903	2	***	***	***	***
20912	24	5	20.8%	***	1,770
Missing	124	14	11.3%	***	4,550
TOTAL	5,305	840	15.8%	42.3%	8,431

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Section IV - Cases by Age

#### Table 6 – HIV Cases by Age at Diagnosis, Diagnoses during 2009

Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/09-12/31/09 (Reported HIV Diagnoses), Number and Percent by Age Group of Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Age Group of Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Age Group of Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Age at HIV Diagnosis, as Reported by Name through 12/31/10

	Population				Reported I	HIV Diagnos	ses		
AGE AT HIV DIAGNOSIS			% of		First	CD4 Test R	esult	%	% Late
	No.	No.	Total	Rate	No. with Test	% with Test	Median Count	Linked to Care	Diagnosis
<5 (Pediatric)	60,333	0	0.0%	0.0					
5-12 (Pediatric)	88,620	0	0.0%	0.0			-	-	
13-19	86,233	24	6.2%	27.8	12	50.0%	394	***	***
20-29	118,178	93	24.0%	78.7	40	43.0%	350	43.0%	20.4%
30-39	119,863	107	27.6%	89.3	61	57.0%	201	50.5%	31.8%
40-49	128,890	101	26.1%	78.4	66	65.3%	263	63.4%	33.7%
50-59	112,377	50	12.9%	44.5	28	56.0%	281	52.0%	34.0%
60+	120,066	12	3.1%	10.0	6	50.0%	133	***	***
TOTAL	834,560	387	100.0%	46.4	213	55.0%	266	52.5%	29.2%

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

### Table 7 - AIDS Cases by Age at Diagnosis, Diagnoses during 2009

Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/09-12/31/09 (Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Age Group of Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Age at AIDS Diagnosis, as Reported by Name through 12/31/10

	Population		ı	Reported AIDS [	Diagnoses	
AGE AT AIDS DIAGNOSIS	No.	No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	60,333	0	0.0%	0.0	-	-
5-12 (Pediatric)	88,620	0	0.0%	0.0	1	1
13-19	86,233	4	3.1%	4.6	***	***
20-29	118,178	28	21.7%	23.7	1.0	78.6%
30-39	119,863	36	27.9%	30.0	1.4	80.6%
40-49	128,890	36	27.9%	27.9	1.2	88.9%
50-59	112,377	22	17.1%	19.6	1.0	86.4%
60+	120,066	3	2.3%	2.5	***	***
TOTAL	834,560	129	100.0%	15.5	1.1	84.5%

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Table 8 – HIV Cases by Current Age, Alive on 12/31/2009

Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Age on 12/31/09, as Reported by Name through 12/31/10

	Population Living HIV Cases without AIDS				Liv	ing HIV Cas	ses	Total Living HIV Cases			
AGE ON 12/31/09	No.	No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	60,333	9	0.4%	14.9	0	0.0%	0.0	9	0.2%	14.9	6,703
5-12 (Pediatric)	88,620	22	1.0%	24.8	1	0.0%	1.1	23	0.4%	26.0	3,853
13-19	86,233	65	2.8%	75.4	32	1.0%	37.1	97	1.8%	112.5	889
20-29	118,178	389	17.0%	329.2	184	5.9%	155.7	573	10.6%	484.9	206
30-39	119,863	588	25.7%	490.6	602	19.4%	502.2	1,190	22.0%	992.8	100
40-49	128,890	688	30.1%	533.8	1,185	38.1%	919.4	1,873	34.7%	1,453.2	68
50-59	112,377	370	16.2%	329.2	806	25.9%	717.2	1,176	21.8%	1,046.5	95
60+	120,066	158	6.9%	131.6	300	9.6%	249.9	458	8.5%	381.5	262
TOTAL	834,560	2,289	100.0%	274.3	3,110	100.0%	372.7	5,399	100.0%	646.9	154

#### Table 9 – CD4 Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Age Group of Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Age Group of Counts for the Last Recent CD4 Test Results, by Age on 12/31/09, as Reported by Name through 12/31/10

		Adult/Adolescent Total Living HIV Cases											
AGE ON 12/31/09	Na	Recent CD4 Test Result											
	No.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+					
13-19	49	14	28.6%	483	***	***	***	42.9%					
20-29	559	156	27.9%	403	17.3%	23.1%	25.6%	34.0%					
30-39	1,190	272	22.9%	350	27.9%	22.1%	14.7%	35.3%					
40-49	1,873	319	17.0%	379	26.0%	20.1%	20.4%	33.5%					
50-59	1,176	197	16.8%	395	24.9%	19.8%	15.7%	39.6%					
60+	458	54	54 11.8% 432 *** *** 46.3%										
TOTAL	5,305	1,012	19.1%	385	24.6%	20.9%	18.4%	36.1%					

# Table 10 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Age Group of Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Age Group of the Last Recent Viral Load Test Results that were Undetectable and the Median Detectable Result in Copies per Milliliter, by Age on 12/31/09, as Reported by Name through 12/31/10

		Adult/Adolescent Total Living HIV Cases										
AGE ON 12/31/09	No		Recent Viral Lo	Recent Viral Load Test Result								
	No.	No. with Test	% with Test	% Undetectable	Median Detectable							
13-19	49	11	22.4%	***	32,964							
20-20	559	148	26.5%	28.4%	7,167							
30-39	1,190	245	20.6%	44.1%	9,575							
40-49	1,873	261	13.9%	45.6%	11,091							
50-59	1,176	134	11.4%	46.3%	4,303							
60+	458	9,396										
TOTAL	5,305	840	15.8%	42.3%	8,431							

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Section V - Adult/Adolescent Cases by Demographics

### Table 11 – Adult/Adolescent HIV Cases by Demographics, Diagnoses during 2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/09-12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Demographic of Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Demographic of Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Demographic of Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
			% of		First	CD4 Test Re	esult	%	% Late
	No.	No.	Total	Rate             Link					Diagnosis
Male	326,622	252	65.1%	77.2	137	54.4%	281	51.2%	29.4%
Female	358,984	135 34.9% 37.6 76 56.3% 250 54.8% 28.9%							
TOTAL	685,607	387	100.0%	56.4	213	55.0%	266	52.5%	29.2%

RACE/ETHNICITY	Population Age 13+		Adult/Adolescent Reported HIV Diagnoses							
			% of		First	CD4 Test Re	esult	%	% Late	
	No.	No. Total		Rate	No. with Test	% with Test	Median Count	Linked to Care	Diagnosis	
Hispanic	79,709	21	5.4%	26.3	11	52.4%	354	52.4%	33.3%	
Non-Hispanic	605,898	366	94.6%	60.4	202	55.2%	266	52.5%	29.0%	
American Indian/ Alaska Native, only	1,822	***	***	***	***	***	***	***	***	
Asian, only	27,240	3	0.8%	11.0	***	***	***	***	***	
Black, only	440,157	339	87.6%	77.0	185	54.6%	265	51.9%	28.6%	
Native Hawaiian/Other Pacific Islander, only	450	***	***	***	***	***	***	***	***	
White, only	127,640	20	5.2%	15.7	12	60.0%	300	55.0%	30.0%	
Multiracial	8,588	4	1.0%	46.6	***	***	***	***	***	
TOTAL	685,607	387	100.0%	56.4	213	55.0%	266	52.5%	29.2%	

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
			% of		First (	CD4 Test Re	esult	%	% Late
	No.	No.	No. Total	Rate	No. with Test	% with Test	Median Count	Linked to Care	Diagnosis
United States	561,512	340	87.9%	60.6	176	51.8%	263	51.5%	28.5%
Foreign-born	124,095	33	8.5%	26.6	28	84.8%	255	69.7%	42.4%
Africa		19	4.9%	-	17	89.5%	266	73.7%	36.8%
Asia		3	0.8%	-	***	***	***	***	***
Caribbean		3	0.8%		***	***	***	***	***
Central America		7	1.8%		***	***	***	***	***
Other		1	0.3%	-	***	***	***	***	***
Unknown		14	3.6%	1	9	64.3%	324	35.7%	***
TOTAL	685,607	387	100.0%	56.4	213	55.0%	266	52.5%	29.2%

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Table 12 – Adult/Adolescent AIDS Cases by Demographics, Diagnoses during 2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/09-12/31/09 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Demographic of Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses								
	No.	No.	No. % of Total Rate Years from HIV % Late HIV Diagnosis Diagnosis							
Male	326,622	85	65.9%	26.0	0.7%	87.1%				
Female	358,984	44 34.1% 12.3 1.8% 79.5%								
TOTAL	685,607	129	100.0%	18.8	1.1%	84.5%				

RACE/ETHNICITY								
	No.	No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis		
Hispanic	79,709	8	6.2%	10.0	0.9	87.5%		
Non-Hispanic	605,898	121	93.8%	20.0	1.1	84.3%		
American Indian/ Alaska Native, only	1,822	***	***	***	***	***		
Asian, only	27,240	2	1.6%	7.3	***	***		
Black, only	440,157	113	87.6%	25.7	1.0	85.0%		
Native Hawaiian/Other Pacific Islander, only	450	***	***	***	***	***		
White, only	127,640	4	3.1%	3.1	***	***		
Multiracial	8,588	2	1.6%	23.3	***	***		
TOTAL	685,607	129	100.0%	18.8	1.1	84.5%		

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses								
	No.	No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis				
United States	561,512	112	86.8%	19.9	1.2	83.9%				
Foreign-born	124,095	15	11.6%	12.1	0.6	86.7%				
Africa		8	6.2%	1	0.3	87.5%				
Asia		2	1.6%	1	***	***				
Caribbean		0	0.0%	1	-					
Central America		4	3.1%		***	***				
Other		1	0.8%		***	***				
Unknown		2	1.6%	-	***	***				
TOTAL	685,607	129	100.0%	18.8	1.1	84.5%				

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Table 13 – Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2009

Age 13+ Population Estimate for 7/1/09, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
SEX AT BIRTH	No.	No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	326,622	1,313	58.9%	402.0	1,981	64.4%	606.5	3,294	62.1%	1,008.5	99
Female	358,984	918	41.1%	255.7	1,093	35.6%	304.5	2,011	37.9%	560.2	178
TOTAL	685,607	2,231	100.0%	325.4	3,074	100.0%	448.4	5,305	100.0%	773.8	129

RACE/	Population Age 13+	Livi	ilt/Adoleso ing HIV Ca rithout AID	ses	Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
ETHNICITY	No.	No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	79,709	108	4.8%	135.5	151	4.9%	189.4	259	4.9%	324.9	307
Non-Hispanic	605,898	2,123	95.2%	350.4	2,923	95.1%	482.4	5,046	95.1%	832.8	120
American Indian/Alaska Native, only	1,822	***	***	***	***	***	***	***	***	***	***
Asian, only	27,240	10	0.4%	36.7	9	0.3%	33.0	19	0.4%	69.7	1,433
Black, only	440,157	1,954	87.6%	443.9	2,666	86.7%	605.7	4,620	87.1%	1,049.6	95
Native Hawaiian/ Other Pacific Islander, only	450	***	***	***	***	***	***	***	***	***	***
White, only	127,640	130	5.8%	101.8	200	6.5%	156.7	330	6.2%	258.5	386
Multiracial	8,588	27	1.2%	314.4	45	1.5%	524.0	72	1.4%	838.4	119
TOTAL	685,607	2,231	100.0%	325.4	3,074	100.0%	448.4	5,305	100.0%	773.8	129

COUNTRY OF	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
BIRTH	No.	No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	561,512	2,013	90.2%	358.5	2,696	87.7%	487.9	4,709	88.8%	852.1	117
Foreign-born	124,095	198	8.9%	159.6	376	12.2%	307.9	574	10.8%	470.0	212
Africa		109	4.9%		217	7.1%		326	6.1%	-	-
Asia		7	0.3%		10	0.3%		17	0.3%	-	
Caribbean		17	0.8%		38	1.2%	-	55	1.0%	I	-
Central America		26	1.2%	-	73	2.4%		99	1.9%		
Other		39	1.7%		38	1.2%		77	1.5%	-	1
Unknown		20	0.9%		2	0.1%		22	0.4%	-	1
TOTAL	685,607	2,231	100.0%	325.4	3,074	100.0%	455.6	5,305	100.0%	786.2	127

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Table 14 – CD4 Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Demographic of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Demographic of Counts for the Last Recent CD4 Test Results, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

			Adult/	Adolescent T	otal Living H	IV Cases				
SEX AT BIRTH	No	Recent CD4 Test Result								
	No.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+		
Male	3,294	604	18.3%	364	25.8%	21.9%	16.6%	35.8%		
Female	2,011	408	20.3%	410	22.8%	19.6%	21.1%	36.5%		
TOTAL	5,305	1,012	19.1%	385	24.6%	20.9%	18.4%	36.1%		

		Adult/Adolescent Total Living HIV Cases										
RACE/ETHNICITY	No		Recent CD4 Test Result									
	No.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+				
Hispanic	259	73	28.2%	364	16.4%	28.8%	27.4%	27.4%				
Non-Hispanic	5,046	939	18.6%	386	25.2%	20.3%	17.7%	36.7%				
American Indian/ Alaska Native, only	***	***	***	***	***	***	***	***				
Asian, only	19	5	26.3%	478	***	***	***	***				
Black, only	4,620	877	19.0%	386	25.2%	20.5%	17.9%	36.4%				
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***				
White, only	330	31	9.4%	553	25.8%	***	16.1%	54.8%				
Multiracial	72	26	36.1%	293	***	38.5%	***	26.9%				
TOTAL	5,305	1,012	19.1%	385	24.6%	20.9%	18.4%	36.1%				

		Adult/Adolescent Total Living HIV Cases											
COUNTRY OF BIRTH	Na	Recent CD4 Test Result											
	No.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+					
United States	4,709	810	17.2%	381	26.8%	19.3%	17.9%	36.0%					
Foreign-born	574	197	34.3%	409	15.2%	27.4%	20.8%	36.5%					
Africa	326	116	35.6%	398	15.5%	28.4%	20.7%	35.3%					
Asia	17	6	35.3%	335	***	***	***	***					
Caribbean	55	18	32.7%	503	***	***	***	50.0%					
Central America	99	36	36.4%	381	19.4%	25.0%	25.0%	30.6%					
Other	77	21	27.3%	412	***	33.3%	***	42.9%					
Unknown	22	5	22.7%	294	***	***	***	***					
TOTAL	5,305	1,012	19.1%	385	24.6%	20.9%	18.4%	36.1%					

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

# Table 15 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Demographic of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Demographic of the Last Recent Viral Load Test Results that were Undetectable and the Median Detectable Result in Copies per Milliliter, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/10

		Adult/Adolescent Total Living HIV Cases								
SEX AT BIRTH	No.	Recent Viral Load Test Result								
	NO.	No. with Test	% with Test	% Undetectable	Median Detectable					
Male	3,294	481	14.6%	40.7%	10,182					
Female	2,011	359	17.9%	44.3%	6,100					
TOTAL	5,305	840	15.8%	42.3%	8,431					

		Adult/Adole:	scent Total Livir	ng HIV Cases					
RACE/ETHNICITY	No	Recent Viral Load Test Result							
	No.	No. with Test	% with Test	% Undetectable	Median Detectable				
Hispanic	259	69	26.6%	58.0%	9,996				
Non-Hispanic	5,046	771	15.3%	40.9%	8,399				
American Indian/ Alaska Native, only	***	***	***	***	***				
Asian, only	19	***	***	***	***				
Black, only	4,620	721	15.6%	41.5%	8,443				
Native Hawaiian/ Other Pacific Islander, only	***	***	***	***	***				
White, only	330	22	6.7%	22.7%	980				
Multiracial	72	24	33.3%	41.7%	15,632				
TOTAL	5,305	840	15.8%	42.3%	8,431				

		Adult/Adole:	scent Total Livin	g HIV Cases					
COUNTRY OF BIRTH	No	Recent Viral Load Test Result							
	No.	No. with Test	% with Test	% Undetectable	Median Detectable				
United States	4,709	648	13.8%	36.1%	9,381				
Foreign-born	574	186	32.4%	65.1%	4,964				
Africa	326	110	33.7%	65.5%	4,064				
Asia	17	6	35.3%	***	***				
Caribbean	55	19	34.5%	57.9%	2,635				
Central America	99	33	33.3%	66.7%	15,822				
Other	77	18	23.4%	***	***				
Unknown	22	6	27.3%	***	***				
TOTAL	5,305	840	15.8%	42.3%	8,431				

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

## Section VI - HIV Cases by Expanded Demographics, Alive on 12/31/2009

### Table 16 - Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2009

Population Estimate for 7/1/09, Number, Rate per 100,000 Population, and Ratio of Males per Case (1 case in every X males) for Male Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/09, as Reported by Name through 12/31/10

			MALES			
			RACE/E1	THNICITY		
AGE ON 12/31/09		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	TOTAL MALES BY AGE GROUP
<13 (Pediatric)	Population	16,986	46,631	7,364	4,708	75,690
	Cases	***	16	0	***	18
	Rate	***	34.3	0.0	***	23.8
	Ratio (1 in X)	***	2,914		***	4,205
13-19	Population	5,815	28,864	6,915	2,416	44,009
	Cases	***	51	0	***	52
	Rate	***	176.7	0.0	***	118.2
	Ratio (1 in X)	***	566		***	846
20-29	Population	12,258	35,134	9,063	3,927	60,382
	Cases	23	366	12	12	413
	Rate	187.6	1,041.7	132.4	305.6	684.0
	Ratio (1 in X)	533	96	755	327	146
30-39	Population	13,405	32,922	8,644	3,661	58,632
	Cases	68	498	28	12	606
	Rate	507.3	1,512.7	323.9	327.8	1,033.6
	Ratio (1 in X)	197	66	308	305	96
40-49	Population	7,837	39,991	10,211	2,687	60,726
	Cases	58	980	103	26	1,167
	Rate	740.1	2,450.6	1,008.7	967.6	1,921.7
	Ratio (1 in X)	135	40	99	103	52
50-59	Population	3,862	33,345	11,937	2,524	51,668
	Cases	27	657	91	11	786
	Rate	699.1	1,970.3	762.3	435.8	1,521.3
	Ratio (1 in X)	143	50	131	229	65
60+	Population	2,237	29,503	16,642	2,823	51,205
	Cases	***	258	32	***	300
	Rate	***	874.5	192.3	***	585.9
	Ratio (1 in X)	***	114	520	***	170
TOTAL MALES	Population	62,400	246,390	70,776	22,746	402,312
BY RACE/ ETHNICITY	Cases	185	2,826	266	65	3,342
LIMNUTI	Rate	296.5	1,147.0	375.8	285.8	830.7
	Ratio (1 in X)	337	87	266	349	120

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

## Table 17 - Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2009

Population Estimate for 7/1/09, Number, Rate per 100,000 Population, and Ratio of Females per Case (1 case in every X females) for Female Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/09, as Reported by Name through 12/31/10

			FEMALES			
			RACE/ET		T	
AGE ON 12/31/09		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	TOTAL FEMALES BY AGE GROUP
<13 (Pediatric)	Population	16,282	45,439	6,937	4,606	73,264
	Cases	0	14	0	0	14
	Rate	0.0	30.8	0.0	0.0	19.1
	Ratio (1 in X)		3,245			5,233
13-19	Population	5,217	28,349	6,287	2,370	42,223
	Cases	***	41	***	0	45
	Rate	***	144.6	***	0.0	106.6
	Ratio (1 in X)	***	691	***		938
20-29	Population	8,237	37,974	7,829	3,756	57,796
	Cases	12	145	***	***	160
	Rate	145.7	381.8	***	***	276.8
	Ratio (1 in X)	686	261	***	***	361
30-39	Population	8,843	41,319	7,324	3,745	61,231
	Cases	21	539	11	13	584
	Rate	237.5	1,304.5	150.2	347.1	953.8
	Ratio (1 in X)	421	76	665	288	104
40-49	Population	5,952	49,490	9,584	3,138	68,164
	Cases	23	643	28	12	706
	Rate	386.4	1,299.3	292.2	382.4	1,035.7
	Ratio (1 in X)	258	77	342	261	96
50-59	Population	3,302	42,634	11,535	3,238	60,709
	Cases	***	358	17	***	390
	Rate	***	839.7	147.4	***	642.4
	Ratio (1 in X)	***	119	678	***	155
60+	Population	2,744	40,632	21,669	3,816	68,861
	Cases	***	143	7	***	158
	Rate	***	351.9	32.3	***	229.4
	Ratio (1 in X)	***	284	3,095	***	435
TOTAL	Population	50,577	285,837	71,165	24,669	432,248
FEMALES BY	Cases	77	1,883	65	32	2,057
RACE/ ETHNICITY	Rate	152.2	658.8	91.3	129.7	475.9
	Ratio (1 in X)	656	151	1,094	770	210

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Section VII - HIV Exposure Category

# Table 18 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Diagnoses during 2009

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/09-12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/10

		Adult/Adole	scent Rep	orted HIV D	Diagnoses	
EXPOSURE CATEGORY	No.	% of Total	First CI Res	D4 Test sult	%	% Late
	NO.	Exposure	% with Test	Median Count	Linked to Care	Diagnosis
Men who have Sex with Men (MSM)	88	60.3%	65.9%	313	64.8%	22.7%
Injection Drug Users (IDU)	7	4.8%	42.9%	111	42.9%	42.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	48	32.9%	66.7%	214	68.8%	45.8%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	241		49.8%	276	45.2%	27.8%
TOTAL	387		55.0%	266	52.5%	29.2%
With Exposure	146	100.0%	63.7%	258	64.4%	31.5%

	Adult/Adolescent Reported HIV Diagnoses								
MALES	No.	% of Total with	First CD4 Test Result		% Linked	% Late			
EXPOSURE CATEGORY		Exposure	% with Test	Median Count	to Care	Diagnosis			
Men who have Sex with Men (MSM)	88	77.2%	65.9%	313	64.8%	22.7%			
Injection Drug Users (IDU)	***	***	***	***	***	***			
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***			
Heterosexual Exposure (HET)	19	16.7%	68.4%	114	73.7%	63.2%			
Other Exposures	0	0.0%							
No Reported Exposure	138		45.7%	291	40.6%	28.3%			
TOTAL	252		54.4%	281	51.2%	29.4%			
With Exposure	114	100.0%	64.9%	270	64.0%	30.7%			

		Adult/Adole	scent Repo	orted HIV D	Diagnoses	
FEMALES EXPOSURE CATEGORY	No.	% of Total with		First CD4 Test Result		% Late
	NO.	Exposure	% with	Median	Linked to Care	Diagnosis
			Test	Count		
Injection Drug Users (IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	29	90.6%	65.5%	243	65.5%	34.5%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	103		55.3%	256	51.5%	27.2%
TOTAL	135		56.3%	250	54.8%	28.9%
With Exposure	32	100.0%	59.4%	243	65.6%	34.4%

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

# Table 19 – Adult/Adolescent AIDS Cases by Exposure Category and Sex at Birth, Diagnoses during 2009

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/09-12/31/09 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Exposure Category of Adult/Adolescent Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/10

	Adult/Adolescent Reported AIDS Diagnoses							
EXPOSURE CATEGORY	No.	% of Total with	Years from HIV Diagnosis	% Late HIV Diagnosis				
		Exposure						
Men who have Sex with Men (MSM)	31	50.0%	1.6	71.0%				
Injection Drug Users (IDU)	4	6.5%	2.6	***				
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%						
Heterosexual Exposure (HET)	26	41.9%	1.1	84.6%				
Other Exposures	1	1.6%	0.0	***				
No Reported Exposure	67		0.8	91.0%				
TOTAL	129		1.1	84.5%				
With Exposure	62	100.0%	1.4	77.4%				

	Adult/Adolescent Reported AIDS Diagnoses							
MALE EXPOSURE CATEGORY	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis				
Men who have Sex with Men (MSM)	31	63.3%	1.6	71.0%				
Injection Drug Users (IDU)	***	***	***	***				
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%						
Heterosexual Exposure (HET)	15	30.6%	0.5	93.3%				
Other Exposures	***	***	***	***				
No Reported Exposure	36		0.1	97.2%				
TOTAL	85		0.7	87.1%				
With Exposure	49	100.0%	1.2	79.6%				

	Adult/Adolescent Reported AIDS Diagnoses							
FEMALE EXPOSURE CATEGORY	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis				
Injection Drug Users (IDU)	***	***	***	***				
Heterosexual Exposure (HET)	11	84.6%	1.9	72.7%				
Other Exposures	***	***	***	***				
No Reported Exposure	31		1.5	83.9%				
TOTAL	44		1.8	79.5%				
With Exposure	13	100.0%	2.4	69.2%				

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

# Table 20 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Alive on 12/31/2009

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/10

	Adult/Adoles HIV Cases w	•		escent Living s with AIDS	Adult/Adolescent Total Living HIV Cases	
EXPOSURE CATEGORY	No.	% of Total with Exposure	with with exposure Exposure		No.	% of Total with Exposure
Men who have Sex with Men (MSM)	496	42.1%	854	36.0%	1,350	38.0%
Injection Drug Users (IDU)	110	9.3%	404	17.0%	514	14.5%
Men who have Sex with Men and Inject						
Drugs (MSM/IDU)	20	1.7%	67	2.8%	87	2.5%
Heterosexual Exposure (HET)	544	46.2%	1,038	43.7%	1,582	44.6%
Other Exposures	7	0.6%	11	0.5%	18	0.5%
No Reported Exposure	1,054		700		1,754	
TOTAL	2,231		3,074		5,305	
With Exposure	1,177	100.0%	2,374	100.0%	3,551	100.0%

MALES	Adult/Adolescent Living HIV Cases without AIDS			escent Living s with AIDS	Adult/Adolescent Total Living HIV Cases	
EXPOSURE CATEGORY	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	496	65.1%	854	53.8%	1,350	57.4%
Injection Drug Users (IDU)	62	8.1%	244	15.4%	306	13.0%
Men who have Sex with Men and Inject						
Drugs (MSM/IDU)	20	2.6%	67	4.2%	87	3.7%
Heterosexual Exposure (HET)	183	24.0%	418	26.3%	601	25.6%
Other Exposures	1	0.1%	5	0.3%	6	0.3%
No Reported Exposure	551		393		944	
TOTAL	1,313		1,981		3,294	
With Exposure	762	100.0%	1,588	100.0%	2,350	100.0%

FEMALES	Adult/Adoles HIV Cases w	•		escent Living s with AIDS	Adult/Adolescent Total Living HIV Cases		
EXPOSURE CATEGORY	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure	
Injection Drug Users (IDU)	48	11.6%	160	20.4%	208	17.3%	
Heterosexual Exposure (HET)	361	87.0%	620	78.9%	981	81.7%	
Other Exposures	6	1.4%	6	0.8%	12	1.0%	
No Reported Exposure	503		307		810		
TOTAL	918		1,093	•	2,011		
With Exposure	415	100.0%	786	100.0%	1,201	100.0%	

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

# Table 21 – Adult/Adolescent HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2009

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category, of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), by Exposure Category and Selected Race/Ethnicity Categories, and by Sex at Birth, Exposure Category, and Selected Race/Ethnicity Categories, as Reported by Name through 12/31/10

		Adult/	Adolescent T	otal Living HIV C	ases				
	Race/Ethnicity								
EXPOSURE CATEGORY	Hispanic		Non-Hispan	ic, Black, only	Non-Hispai	nic, White, only			
	No.	% of Total with	No.	% of Total with	No.	% of Total with			
		Exposure		Exposure		Exposure			
Men who have Sex with Men (MSM)	64	33.3%	1,073	35.5%	179	66.8%			
Injection Drug Users (IDU)	16	8.3%	443	14.7%	44	16.4%			
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	76	2.5%	***	***			
Heterosexual Exposure (HET)	108	56.3%	1,415	46.8%	38	14.2%			
Other Exposures	***	***	15	0.5%	***	***			
No Reported Exposure	67		1,598		62				
TOTAL	259		4,620		330				
With Exposure	192	100.0%	3,022	100.0%	268	100.0%			

		Adult/	Adolescent To	otal Living HIV C	ases			
MALES	Race/Ethnicity							
EXPOSURE CATEGORY	Hispa	anic	Non-Hispan	ic, Black, only	Non-Hispar	nic, White, only		
EXI GOOKE GATEGOKT	No.	% of Total with	No. % of Total with		No.	% of Total with		
		Exposure		Exposure		Exposure		
Men who have Sex with Men (MSM)	64	47.1%	1,073	55.4%	179	78.9%		
Injection Drug Users (IDU)	***	***	263	13.6%	24	10.6%		
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	76	3.9%	***	***		
Heterosexual Exposure (HET)	57	41.9%	520	26.8%	***	***		
Other Exposures	***	***	5	0.3%	***	***		
No Reported Exposure	47		845		38			
TOTAL	183		2,782		265			
With Exposure	136	100.0%	1,937	100.0%	227	100.0%		

	Adult/Adolescent Total Living HIV Cases								
FEMALES	Race/Ethnicity								
EXPOSURE CATEGORY	Hispanic		Non-Hispan	ic, Black, only	Non-Hispa	nic, White, only			
EXTOGORE GATEGORY	No.	% of Total	No.	% of Total	No.	% of Total			
		with		with		with			
		Exposure		Exposure		Exposure			
Injection Drug Users (IDU)	***	***	180	16.6%	20	48.8%			
Heterosexual Exposure (HET)	51	91.1%	895	82.5%	***	***			
Other Exposures	***	***	10	0.9%	***	***			
No Reported Exposure	20		753		24				
TOTAL	76		1,838		65				
With Exposure	56	100.0%	1,085	100.0%	41	100.0%			

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

# Table 22 – CD4 Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Exposure Category of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Exposure Category of Counts for the Last Recent CD4 Test Results, by Exposure Category, as Reported by Name through 12/31/10

			Adult/A	dolescent	Total Living	HIV Cases				
EXPOSURE CATEGORY	No.	Recent CD4 Test Result								
	NO.	No. with Test	% with Test	Median Count	<200	200-349	350-499	500+		
Men who have Sex with Men (MSM)	1,350	245	18.1%	383	21.2%	23.7%	17.1%	38.0%		
Injection Drug Users (IDU)	514	61	11.9%	249	41.0%	18.0%	21.3%	19.7%		
Men who have Sex with Men and Inject Drugs (MSM/IDU)	87	***	***	***	***	***	***	***		
Heterosexual Exposure (HET)	1,582	367	23.2%	391	24.5%	21.0%	16.9%	37.6%		
Other Exposures	18	***	***	***	***	***	***	***		
No Reported Exposure	1,754	320	18.2%	398	25.0%	18.8%	19.4%	36.9%		
TOTAL	5,305	1,012	19.1%	385	24.6%	20.9%	18.4%	36.1%		
With Exposure	3,551	692	19.5%	381	24.4%	22.0%	17.9%	35.7%		

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

# Table 23 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2009

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/09 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Exposure Category of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Exposure Category of the Last Recent Viral Load Test Results that were Undetectable, and the Median Detectable Result in Copies per Milliliter, by Exposure Category, as Reported by Name through 12/31/10

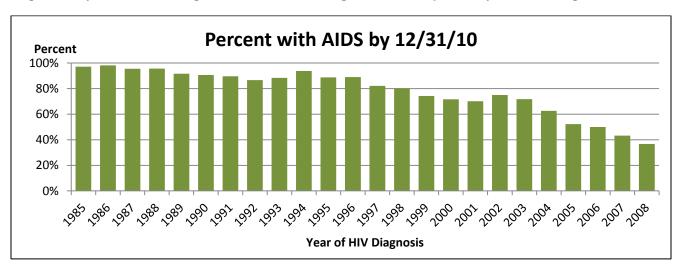
	Adult/Adolescent Total Living HIV Cases						
EXPOSURE CATEGORY	No.	Recent Viral Load Test Result					
		No. with Test	% with Test	% Un- detectable	Median Detectable		
Men who have Sex with Men (MSM)	1,350	205	15.2%	34.1%	7,621		
Injection Drug Users (IDU)	514	41	8.0%	41.5%	13,866		
Men who have Sex with Men and Inject Drugs (MSM/IDU)	87	11	12.6%	***	***		
Heterosexual Exposure (HET)	1,582	328	20.7%	54.9%	10,366		
Other Exposures	18	3	16.7%	***	***		
No Reported Exposure	1,754	252	14.4%	32.5%	8,179		
TOTAL	5,305	840	15.8%	42.3%	8,431		
With Exposure	3,551	588	16.6%	46.4%	8,631		

<sup>\*\*\*</sup> Data withheld due to low population and/or case counts

#### Section VIII - Disease Progression and Mortality

### Figure 7 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2008

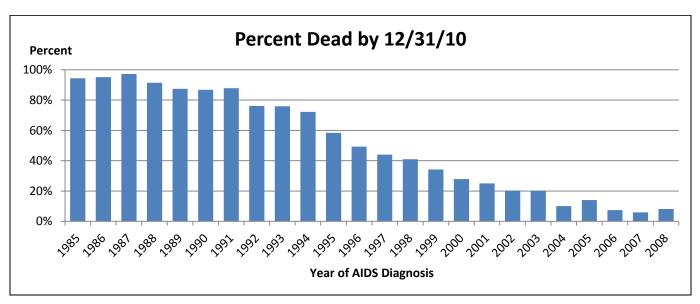
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/08 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/10 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/10, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2008, as Reported by Name through 12/31/10



YEAR OF	Adult/Adolescent Reported HIV Diagnoses							
HIV	Reported AID		S Diagnoses	Percent with AIDS by Years After HIV Diagnosis				
DIAGNOSIS	DIAGNOSIS No.	No.	% with AIDS	Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	64	61	95.3%	5.4	57.8%	57.8%	59.4%	70.3%
1985	105	102	97.1%	4.7	53.3%	55.2%	56.2%	76.2%
1986	160	157	98.1%	5.1	37.5%	38.8%	49.4%	88.1%
1987	222	212	95.5%	3.6	48.2%	48.6%	64.9%	87.4%
1988	227	217	95.6%	2.8	49.3%	54.2%	76.7%	90.7%
1989	299	274	91.6%	2.7	48.2%	50.2%	74.6%	87.0%
1990	319	289	90.6%	2.2	53.0%	61.1%	77.7%	86.8%
1991	374	335	89.6%	2.2	51.9%	59.9%	78.1%	84.8%
1992	335	290	86.6%	2.4	51.6%	58.2%	74.0%	80.3%
1993	292	258	88.4%	1.9	59.2%	64.7%	75.3%	84.6%
1994	273	256	93.8%	1.3	72.2%	77.3%	84.2%	91.6%
1995	269	239	88.8%	1.6	66.2%	71.7%	76.6%	87.0%
1996	263	234	89.0%	1.4	67.7%	70.3%	79.5%	86.3%
1997	290	238	82.1%	1.2	63.8%	67.9%	74.5%	80.7%
1998	269	216	80.3%	1.4	59.1%	64.3%	69.9%	78.8%
1999	288	214	74.3%	0.9	61.8%	65.6%	69.1%	73.6%
2000	285	204	71.6%	0.8	59.6%	62.1%	67.7%	
2001	288	202	70.1%	0.8	56.9%	59.0%	66.7%	
2002	324	243	75.0%	0.4	65.7%	69.4%	74.1%	
2003	374	268	71.7%	0.6	62.0%	64.7%	67.9%	
2004	414	259	62.6%	0.4	56.5%	58.2%	61.1%	
2005	416	217	52.2%	0.4	47.1%	49.3%		
2006	388	194	50.0%	0.4	44.3%	46.4%		
2007	481	208	43.2%	0.2	39.9%	41.6%		
2008	512	188	36.7%	0.2	33.8%			
TOTAL	7,531	5,575	74.0%	1.6	53.7%	57.3%	65.2%	71.5%

Figure 8 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2008

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/08 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/10 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/10, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2008, as Reported by Name through 12/31/10

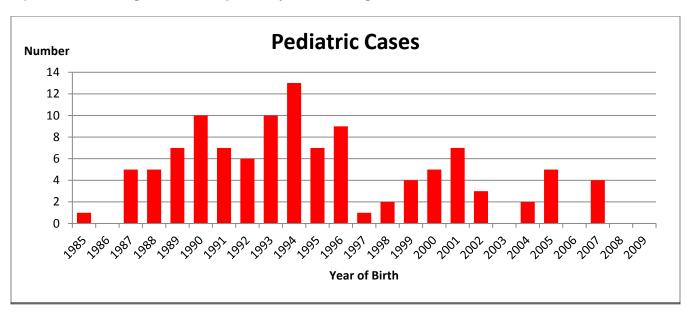


YEAR OF	Adult/Adolescent Reported AIDS Diagnoses							
AIDS	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
DIAGNOSIS	140.	No.	% Dead	Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	38	38	100.0%	0.9	31.6%	5.3%	2.6%	0.0%
1985	54	51	94.4%	1.5	40.7%	16.7%	14.8%	7.4%
1986	61	58	95.1%	1.9	54.1%	36.1%	11.5%	8.2%
1987	107	104	97.2%	1.6	45.8%	25.2%	10.3%	4.7%
1988	116	106	91.4%	1.6	60.3%	37.1%	15.5%	8.6%
1989	151	132	87.4%	2.3	66.2%	47.7%	21.9%	15.2%
1990	190	165	86.8%	2.2	64.7%	47.9%	24.2%	16.3%
1991	232	204	87.9%	2.1	67.2%	51.3%	19.0%	13.8%
1992	306	233	76.1%	2.4	78.4%	56.9%	30.7%	25.2%
1993	316	240	75.9%	2.5	72.8%	57.9%	34.5%	26.9%
1994	331	239	72.2%	2.2	73.1%	53.2%	38.4%	29.6%
1995	303	177	58.4%	2.2	73.9%	61.4%	50.8%	42.2%
1996	290	143	49.3%	3.0	81.4%	74.1%	64.1%	51.7%
1997	252	111	44.0%	2.6	81.7%	76.2%	64.3%	57.5%
1998	217	89	41.0%	3.3	85.7%	83.9%	71.0%	61.8%
1999	234	80	34.2%	2.4	85.0%	79.9%	70.9%	66.2%
2000	229	64	27.9%	3.3	91.3%	89.1%	79.5%	
2001	240	60	25.0%	2.1	87.1%	83.8%	78.3%	-
2002	246	50	20.3%	1.4	88.2%	86.2%	81.7%	1
2003	292	59	20.2%	1.6	87.7%	85.6%	82.5%	1
2004	270	27	10.0%	1.2	93.3%	92.2%	90.4%	
2005	292	41	14.0%	1.1	90.4%	89.7%		
2006	230	17	7.4%	1.2	96.1%	94.8%		
2007	253	15	5.9%	1.0	96.8%	95.3%		
2008	209	17	8.1%	0.5	93.3%			
TOTAL	5,459	2,520	46.2%	2.2	80.5%	71.6%	59.9%	54.8%

#### Section IX – Pediatric Cases

### Figure 9 – Trends in Pediatric HIV Cases, 1985-2009

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2009, as Reported by Name through 12/31/10



YEAR		Pediatric Total Living HIV Cases			
	No. by Year of Birth	No. by Year of HIV Diagnosis	orted HIV Cases  No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	10	2	1	0	
1985	1	2	1	0	4
1986	0	2	0	0	6
1987	5	4	4	0	10
1988	5	2	1	2	10
1989	7	4	4	1	13
1990	10	8	5	4	17
1991	7	7	6	3	21
1992	6	7	5	0	27
1993	10	8	6	3	32
1994	13	6	2	1	37
1995	7	7	6	4	40
1996	9	6	6	2	44
1997	1	3	5	0	47
1998	2	2	0	2	47
1999	4	9	4	0	56
2000	5	2	3	0	58
2001	7	2	0	11_	59
2002	3	5	0	0	64
2003	0	1	0	2	63
2004	2	5	2	2	66
2005	5	7	1	11_	72
2006	0	3	2	0	75
2007	4	16	0	0	91
2008	0	3	1	0	94
2009	0	0	0	0	94
TOTAL	123	123	65	28	

#### Table 24 – Pediatric HIV Cases by ZIP Code, Alive on 12/31/2009

Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of 12/31/09 (Pediatric Total Living HIV Cases) by ZIP Code of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/10

ZIP CODE AT	Pediatric Total Living HIV Cases			
DIAGNOSIS	No.	%		
20601	0	0.0%		
20607	***	***		
20608	0	0.0%		
20613	0	0.0%		
20623	0	0.0%		
20705	0	0.0%		
20706	***	***		
20707	***	***		
20708	***	***		
20710	***	***		
20712	***	***		
20715	0	0.0%		
20716	***	***		
20720	0	0.0%		
20721	***	***		
20722	0	0.0%		
20735	5	5.3%		
20737	***	***		
20740	***	***		
20743	9	9.6%		
20744	***	***		
20745	6	6.4%		
20746	7	7.4%		
20747	5	5.3%		
20748	8	8.5%		
20762	0	0.0%		
20769	0	0.0%		
20770	***	***		
20772	***	***		
20774	***	***		
20781	***	***		
20782	7	7.4%		
20783	***	***		
20784	***	***		
20785	7	7.4%		
20903	0	0.0%		
20912	0	0.0%		
Missing	***	***		
TOTAL	94	100.0%		

## Table 25 - Pediatric HIV Cases by Demographics, Alive on 12/31/2009

Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of 12/31/09 (Pediatric Total Living HIV Cases) by Sex at Birth and by Race/Ethnicity, as Reported by Name through 12/31/10

05V 45 DIDTH	Pediatric Total Living HIV Cases			
SEX AT BIRTH	No.	%		
Male	48	51.1%		
Female	46	48.9%		
TOTAL	94	100.0%		

	Pediatric Total Living HIV Cases			
RACE/ETHNICITY	No.	%		
Hispanic	***	***		
Non-Hispanic	***	***		
American Indian/				
Alaska Native, only	0	0.0%		
Asian, only	0	0.0%		
Black, only	89	94.7%		
Native Hawaiian/Other				
Pacific Islander, only	0	0.0%		
White, only	***	***		
Multiracial	***	***		
TOTAL	94	100.0%		